



**STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION**

Division of Solid Waste Management
Fifth Floor, L & C Tower
401 Church Street
Nashville, Tennessee 37243 - 1535
615-532-0780

February 25, 2011

Mr. Gary Rader, Managing Member
EcoSafe Systems, LLC
P.O. Box 3344
Bristol, TN 37625

HAND DELIVERED

RE: Final Permit Decision – New Class I Landfill
EcoSafe Systems, LLC Class I Landfill – SNL 82-0281

Dear Mr. Rader:

The Tennessee Department of Environment and Conservation is hereby issuing the enclosed permit to you for construction and operation of the referenced disposal facility. A Financial Assurance Worksheet and a copy of the Division's Response to Public Comments Summary are also enclosed.

Please be aware that, before the permit can become effective, you must file financial assurance documents with the Commissioner. Please refer to the attached Financial Assurance Worksheet and contact O. J. Wingfield of the TDEC Financial Assurance Section at (615) 532-0877 for assistance or for questions regarding financial assurance.

With the issuance of this permit, there is an annual maintenance fee required [pursuant to Tennessee Rule 1200-1-7-.07(3)] for this new Class I landfill that covers the period from February 25, 2011 through June 30, 2011. The \$345.24 fee for the new landfill is prorated over the 126 days that cover the period of time indicated above. You will receive an invoice from the Department's Division of Fiscal Services that will indicate that EcoSafe Systems, LLC owes \$345.24 for this year's annual maintenance fee (based on the minimum fee of \$1,000 for a Class I landfill).

I appreciate your interest in complying with state statutes and look forward to working with you again. If you have any questions, please contact Paul Evan Davis at (615) 532-0072 or by email: paul.evan.davis@tn.gov.

Sincerely,

Mike Apple
Director

Enclosures – 3

cc: Paul Evan Davis, DSWM/Nashville Central Office
Bassam Faleh, DSWM/Nashville Central Office
O.J. Wingfield, TDEC Financial Assurance/Nashville Central Office
Jatin Parikh, TDEC Fiscal Services, Nashville Central Office
Fred Willingham, DSWM/Johnson City Field Office
Jan Compton, TDEC/Johnson City Field Office
Ms. Theresa McMahan, Director, Sullivan County Public Library
DSWM Central Files/Nashville Central Office

State of Tennessee
Department of Environment
and Conservation
Division of Solid Waste Management

Solid Waste Management Program
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5th Floor L & C Tower
Nashville, Tennessee 37243-1535
615-532-0780

**REGISTRATION AUTHORIZING SOLID WASTE
DISPOSAL ACTIVITIES IN
TENNESSEE**

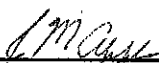
Registration Number: SNL 82-0281

Date Issued: February 25, 2011

Issued to: **EcoSafe Systems, LLC**

Activities Authorized: Construction, operation, closure and post closure care of a Class I disposal facility located in Sullivan County, at 385 Harr Lane, Blountville, Tennessee, for the disposal of domestic wastes, commercial wastes, institutional wastes, municipal solid wastes, bulky wastes, landscaping and land clearing wastes, industrial wastes, construction/demolition wastes, farming wastes, shredded automobile tires, dead animals, and approved special wastes.

By my signature this registration is issued in compliance with the provisions of the Tennessee Solid Waste Disposal Act (Tennessee Code Annotated, Section 68-211-101, et seq.), and applicable regulations developed pursuant to this law and in effect; and in accordance with the conditions and other terms set forth in this registration document and attached Registration Conditions.



Mike Apple, Director
Division of Solid Waste Management

PERMIT TERMS AND CONDITIONS

1. Re-certification by Permittee for Facilities Whose Initial Operation is Delayed - If the facility does not initiate construction and/or operation within one year of the date of this permit, the permittee must re-certify the application in accordance with Rule 1200-1-7-.02(2)(d).
2. Duty to Comply - The permittee must comply with all conditions of this permit, unless otherwise authorized by the Department. Any permit noncompliance, except as otherwise authorized by the Department, constitutes a violation of the Act and is grounds for enforcement action, or for permit termination, revocation and re-issuance, or modification.
3. Need to Halt or Reduce Activity Not a Defense - It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.
4. Duty to Mitigate - In the event of noncompliance with the permit, the permittee shall take all reasonable steps to minimize releases to the environment, and shall carry out such measures as are reasonable to prevent adverse impacts on human health or the environment.
5. Proper Operation and Maintenance - The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with the conditions of this permit. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls, including appropriate quality assurance procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems only when necessary to achieve compliance with the conditions of the permit.
6. Permit Actions - This permit may be modified, revoked and re-issued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and re-issuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any existing permit condition.
7. Property Rights - This permit does not convey any property rights of any sort, or any exclusive privilege.
8. Duty to Provide Information - The permittee shall furnish to the Commissioner, within a reasonable time, any relevant information which the Commissioner may request to determine whether cause exists for modifying, revoking and re-issuing, or terminating this permit, or to determine compliance with this permit. The permittee must also furnish to the Commissioner, upon request, copies required to be kept by this permit. All records, including a copy of this permit and the approved Part I and Part II application, must be maintained at the facility or other locations as approved by the Commissioner.

9. Inspection and Entry - The permittee shall allow the Commissioner, or an authorized representative, to:

- (i) Enter at any reasonable time the permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit;
- (ii) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
- (iii) Inspect at any reasonable time any facilities, equipment (including monitoring and control equipment), practices or operations regulated or required under this permit (Note: If requested by the permittee at the time of sampling, the Commissioner shall split with the permittee any samples taken.);
- (iv) Sample or monitor at reasonable times, for the purposes of assuring permit compliance or as otherwise authorized by the Act any substances or parameters at any location; and
- (v) Make photographs for the purpose of documenting items of compliance or noncompliance at waste management units, or where appropriate to protect legitimate proprietary interests, require the permittee to make such photos for the Commissioner.

10. Monitoring and Records

- (i) Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.
- (ii) The permittee shall retain records of all required monitoring information. The permittee shall maintain records for all groundwater monitoring wells and associated ground-water surface elevations, for the active life of the facility, and for the post-closure care period as well. This period may be extended by request of the Commissioner at any time.
- (iii) Records of monitoring information shall include:
 - (I) The date, exact place, and time of sampling or measurements;
 - (II) The individual(s) who performed the sampling or measurements;
 - (III) The date(s) analyses were performed;
 - (IV) The individual(s) who performed the analyses;
 - (V) The analytical techniques or methods used (including equipment used); and
 - (VI) The results of such analyses.

11. Reporting Requirements

- (i) The permittee shall give notice to the Commissioner as soon as possible of any planned physical alterations or additions to the permitted facility.
- (ii) Monitoring results shall be reported at the intervals specified elsewhere in this permit.
- (iii) The permittee shall report orally within 24 hours from the time the permittee becomes aware of the circumstances of any release, discharge, fire, or explosion from the permitted solid waste facility which could threaten the environment or human health outside the facility. Such report shall be made to the Tennessee Emergency Management Agency, using the 24-hour toll-free number 1-800-262-3300.
- (iv) Where the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application or in any report to the Commissioner, it shall promptly submit such facts or information.

12. Periodic Survey

- (i) Within 60 days of his receipt of the written request of the Commissioner to do so, the permittee shall cause to be conducted a survey of active and/or closed portions of his facility in order to determine if operations (e.g., cut and fill boundaries, grades) are being conducted in accordance with the approved design and operational plans. The permittee must report the results of such survey to the Commissioner within 90 days of his receipt of the Commissioner's request.
- (ii) The Commissioner may request such a survey:
 - (I) If he has reason to believe that operations are being conducted in a manner that significantly deviates from the approved plans; and/or
 - (II) As a periodic verification (but no more than annually) that operations are being conducted in accordance with the approved plans.
- (iii) Any survey performed pursuant to this part must be performed by a qualified land surveyor duly authorized under Tennessee law to conduct such activities.

13. Duration of Permits - This permit shall be effective for the operating life of the facility.

14. Effect of Permit - The issuance of this permit does not authorize the permittee to injure persons or property or to invade other private rights, or to violate any local law or regulations.

15. Transfer, Modification, Revocation and Re-issuance, and Termination of Permits - This permit may be transferred, modified, revoked or reissued, or terminated as set forth in 1200-1-7-.02(5).

16. Applicable Standards - All applicable facility standards of Rule Chapter 1200-1-7, Solid Waste Processing and Disposal Amendments shall be considered conditions of this registration.
17. Penalties - Any violation of the conditions or other terms of this registration may subject the registrant to the penalties set forth in Tennessee Code Annotated Section 68-211-114 and 68-211-117.
18. Hazardous Waste Restriction - No hazardous waste, as regulated by the Tennessee Hazardous Waste Management Act (TCA Section 68-212-101, et seq.), and the Rules adopted pursuant to that Act, shall be accepted at this facility.
19. Construction and Operation - The permittee shall construct and operate the facility in accordance with the approved engineering plans and operations manual which becomes a condition of this permit as Attachment I.
20. Financial Assurance - Prior to beginning operation, the permittee must file a Financial Assurance Instrument in accordance with Rule 1200-1-7-.03.
21. Special Waste - Except as specifically provided for in the Facility-Specific Conditions of this permit, the permittee may not accept for disposal any special waste unless approved to do so in writing by this Department.
22. Automobile Batteries - This facility is specifically prohibited from accepting automobile batteries for disposal.

VARIANCES AND WAIVERS

The following variances or waivers from standards or requirements in Rule 1200-1-7, Solid Waste Processing and Disposal Amendments, are hereby granted in accordance with Rule 1200-1-7-.01(5):

None.

FACILITY-SPECIFIC PERMIT CONDITIONS

The following conditions of this permit are established pursuant to Rule 1200-1-7-.02(4)(b):

1. Groundwater monitoring shall be conducted at the frequency and for the parameters specified by the Division of Solid Waste Management (Division) in the permit. The location of these monitoring points shall be as specified in the permit or as otherwise approved by the Division. The Division must be notified at least 48 hours prior to the installation of ground water monitoring wells and sampling events.
2. Prior to the construction of all sediment ponds, the areas shall be surveyed and staked by licensed personnel to determine the depth of soil to be excavated and the location of the dikes, primary spillways, and emergency spillways, etc.
3. Prior to the excavation of all fill areas, the areas shall be surveyed and staked by licensed personnel to determine the boundary of the areas and the depth of excavation.
4. The Division of Solid Waste Management shall be immediately notified if pinnacles, bedrock, and/or any other unusual rock or soil anomalies are encountered (i.e. voids, sinkholes, perched water, water seeps, etc.).
5. The facility shall utilize and maintain accurate horizontal and vertical control methods to ensure that the disposal facility is constructed and operated in accordance with the approved engineering plans.
6. Prior to excavation, all bore holes drilled or dug during subsurface investigation of the site, piezometers, and abandoned wells which are either in or within 100 feet of the areas to be filled must be backfilled with a bentonite slurry or other sealant approved by the Commissioner, Department of Environment and Conservation, to an elevation at least ten (10) feet greater than the elevation of the lowest point of the landfill base (including any liner), or to the ground surface if the site will be excavated less than ten feet below grade. The Division of Solid Waste Management (Division) must be notified at least 48 hours prior to any backfilling activities to be given the opportunity to observe such activities. Documentation of all such backfilling/abandonment of bore holes shall be submitted to the Division prior to operation of the facility.
7. The Division of Solid Waste Management must be notified at least 48 hours prior to any geophysical investigation activity being performed at the disposal facility. Results of any geophysical investigations to be performed must be submitted to the DSWM for review.
8. The Division of Solid Waste Management must concur that the Construction Quality Assurance Report is acceptable prior to waste placement in any newly constructed waste disposal area.
9. The facility is required to remove any leachate that may be collected between the two liners and properly handle in the leachate management system.